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PROCEEDINGS OF SCIENTIFIC SOCIETIES.

INDIANA ACADEMY OF SCIENCE, MAY 1 TO 4, 1888.—The Academy held a field meeting at Wyandotte Cave, some thirty-five members attending. The party gathered at Paoli on the evening of the first, when papers were read by Mr. James E. Humphrey, of Indiana University, upon Asa Gray, and by Dr. John M. Coulter, of Wabash College, upon the Discovery of the Yellowstone Park. From Paoli a wagon ride of thirty miles brought the party to the cave. On the return trip the newly-discovered Marengo Cave was visited, which all agreed was superior in all except extent to Wyandotte Cave. It was the universal opinion of the Academy that the accommodations and table of the Wyandotte Cave Hotel cannot be too strongly criticised.

BIOLOGICAL SOCIETY OF WASHINGTON, APRIL 7, 1888.—The following communications were read:—Capt. J. W. Collins, "The Work of the Schooner Grampus, in Fish Culture;" Mr. Chas. D. Walcott, "Cambrian Fossils from Mount Stephens, Northwest Territory of Canada;" Prof. C. V. Riley, "Some notes from Emin Pasha's Travels in Central Africa;" Dr. Theobald Smith, "The Destruction of Pathogenic Bacteria in the Animal Organism."

APRIL 21, 1888.—Mr. F. W. True, "The Affinities of the White Whale;" Dr. C. Hart Merriam, "A Bat new to the United States, and New Localities for other North American Mammals;" Prof. C. V. Riley, "Notes on *Platypsyllus*."

MAY 5, 1888.—Prof. R. E. C. Stearns, "Instances of Mutations in Specific Distribution among Shells;" Mr. C. L. Hopkins, "Notes upon Pollination of the 'Navel' Oranges;" Dr. C. Hart Merriam, "Description of a New Meadow Mouse, with remarks on the Subgenus *Pedomys*;" Prof. Lester F. Ward, "On some Characteristics of the Flora of the Potomac Formation."

MAY 19, 1888.—Mr. F. W. True, "The Hawaiian Bat"; Mr. Wm. T. Hornaday, "Man-Eating Crocodiles"; Dr. C. Hart Merriam, "A Revision of the *Dipodidae*"; Mr. F. A. Lucas, "The Affinities of *Chamæa*."

BOSTON SOCIETY OF NATURAL HISTORY.—April 4, 1888.—Mr. Samuel Wells read a notice on the Life of the late Richard C. Greenleaf; Mr. Robert T. Jackson read a paper on "The Development of the Oyster, with Remarks on Allied Genera."

APRIL 18, 1888.—Professor Alpheus Hyatt read a sketch of the life of the late Spencer F. Baird, and Dr. Charles Sedgwick Minot exhibited the new automatic microtome which he has invented and which has now been placed on the market. The committee on nominations of officers for the year 1888-89 was presented and accepted.